Claim Amendments

1. (currently amended) An apparatus, comprising:

a circuit board that comprises one or more mounting pins that are directly mounted on the circuit board and connect the circuit board with a chassis.

2. (currently amended) The apparatus of claim 1, wherein the chassis comprises one or more holes that comprise a diameter that is large enough to allow angled insertion of the one or more mounting pins, wherein one or more of the one or more mounting pins are inserted into the one or more holes of the chassis to mount the circuit board into the chassis.

3. (currently amended) The apparatus of claim 2, wherein the circuit board comprises a first peripheral portion and a second peripheral portion;

wherein the first peripheral portion comprises the one or more of the one or more mounting pins that are inserted into the one or more holes of the chassis, wherein the chassis with the one or more holes supports the first peripheral portion of the circuit board;

wherein the chassis comprises a ledge, wherein upon an abutment of the second peripheral portion with the ledge, the ledge supports the second peripheral portion of the circuit board, wherein the circuit board is installed in the chassis free of card guide path sliding engagement of the circuit board.

4. (original) The apparatus of claim 3, further comprising a retainer component, wherein the retainer component serves to hold the second peripheral portion against the ledge.

5. (original) The apparatus of claim 3, further comprising a retainer component, wherein the retainer component serves to hold the one or more of the one or more mounting pins in the one or more holes of the chassis.

6. (currently amended) The apparatus of claim 2, wherein the one or more mounting pins comprise one or more tabs that are directly mounted on the circuit board and connect the circuit board with the chassis, wherein the one or more holes of the chassis comprise one or more slots to receive the one or more tabs.

7. (currently amended) The apparatus of claim 1, wherein the circuit board comprises a printed circuit board and the one or more mounting pins that are directly mounted on the printed circuit board and connect the circuit board with the chassis, wherein the printed circuit board comprises a first peripheral portion and a second peripheral portion;

wherein a first mounting pin of the one or more mounting pins is directly attached to the first peripheral portion, wherein a second mounting pin of the one or more mounting pins is directly attached to the second peripheral portion.

8. (currently amended) The apparatus of claim 7, wherein the chassis comprises one or more ledges, wherein the one or more ledges comprise one or more recesses;

~~wherein the first mounting pin on the first peripheral portion of the printed circuit board rests on a first recess of the one or more recesses on one of the one or more ledges,~~ wherein the second mounting pin on the second peripheral portion of the printed circuit board rests on a ~~second~~ recess of the one or more recesses on one of the one or more ledges.

9. (currently amended) The apparatus of claim 8, further comprising one or more retainer components, wherein the one or more retainer components hold the ~~first and~~ second mounting ~~pins~~ pin against the chassis in the ~~first and second recesses~~ recess to connect the circuit board with the chassis.

10. (currently amended) The apparatus of claim 9, wherein the chassis comprises a chassis base component~~, wherein the retainer component comprises~~ and a chassis cover component;

wherein the chassis cover component comprises one or more recesses, wherein upon connection of the chassis base component and the chassis cover component, one or more of the one or more recesses of the chassis base component align with one or more of the one or more recesses of the chassis cover component to hold the ~~first and~~ second mounting ~~pins~~ pin.

11. (original) The apparatus of claim 7, wherein the first and second mounting pins protrude outside of a perimeter of the printed circuit board.

12. (original) The apparatus of claim 11, wherein the chassis comprises a hole and a ledge, wherein the first mounting pin on the first peripheral portion of the printed circuit board is inserted into the hole in the chassis, wherein the second mounting pin on the second peripheral portion of the printed circuit board rests on the ledge.

13. (original) The apparatus of claim 12, wherein the ledge comprises one or more recesses to receive the second mounting pin on the second peripheral portion of the printed circuit board.

14. (currently amended) The apparatus of claim 12, wherein support of the first and second mounting pins by the hole and the ledge completes a mount of the printed circuit board in the chassis free of card guide path sliding engagement of the printed circuit board.

15. (original) The apparatus of claim 1, wherein one or more of the one or more mounting pins retract upon contact with the chassis, wherein the one or more of the one or more mounting pins extend upon alignment with one or more holes of the chassis to engage with the one or more holes of the chassis.

16. (original) The apparatus of claim 15, wherein the one or more mounting pins comprise one or more spring loaded extension components.

17. (original) The apparatus of claim 1, wherein the one or more mounting pins comprise one or more integral formations of a peripheral portion of the circuit board.

18. (original) The apparatus of claim 1, wherein the chassis comprises one or more holes, wherein the one or more mounting pins and the one or more holes comprise a keying system.

19. (original) The apparatus of claim 18, wherein the one or more mounting pins are designed to only fit within the one or more holes if the one or more holes comprise a position, size, and shape that match a position, size, and shape of the one or more mounting pins.

20. (currently amended) An apparatus, comprising:

a chassis that comprises one or more holes to receive one or more mounting pins ~~of~~ directly mounted on a circuit board, wherein the one or more holes of the chassis allow the chassis to support the one or more mounting pins to connect the circuit board with the chassis.

21. (original) The apparatus of claim 20, wherein the one or more holes of the chassis comprise a diameter that is large enough to allow an angled insertion of the one or more mounting pins into the one or more holes of the chassis.

22. (original) The apparatus of claim 21, further comprising one or more retainer components, wherein the one or more retainer components hold the one or more mounting pins in the one or more holes of the chassis.

23. (original) The apparatus of claim 20, wherein the chassis with the one or more holes supports a first peripheral portion of the circuit board;

wherein the chassis comprises a ledge to support a second peripheral portion of the circuit board.

24. (original) The apparatus of claim 23, wherein the one or more mounting pins comprise one or more first mounting pins, wherein the second peripheral portion of the circuit board comprises one or more second mounting pins;

wherein the ledge comprises one or more recesses to receive the one or more second mounting pins, wherein the one or more recesses support the second peripheral portion of the circuit board.

25. (original) The apparatus of claim 24, further comprising one or more retainer components, wherein the one or more retainer components hold the one or more second mounting pins in the one or more recesses in the ledge to connect the circuit board with the chassis.

26. (original) The apparatus of claim 20, wherein the one or more holes are designed to only accept the one or more mounting pins of the circuit board if the one or more mounting pins align with the one or more of the one or more holes.

27. (original) The apparatus of claim 26, wherein the one or more holes are designed to only accept the one or more mounting pins if the one or more mounting pins comprise a position, size, and shape that match a position, size, and shape of the one or more holes.

28. (currently amended) An apparatus, comprising:

means for attaching one or more mounting pins directly to a circuit board; and

means for receiving the one or more mounting pins of the circuit board in a chassis, wherein the means for receiving the one or more mounting pins support the one or more mounting pins to connect the circuit board with the chassis.

29. (original) The apparatus of claim 28, wherein the one or more mounting pins are located on a first peripheral portion of the circuit board, wherein the means for receiving the one or more mounting pins support the first peripheral portion of the circuit board in the chassis, the apparatus further comprising means for supporting a second peripheral portion of the circuit board in the chassis.

30. (currently amended) A method, comprising the step of:

inserting one or more mounting pins ~~of~~ directly mounted on a circuit board into one or more holes in a chassis to connect the circuit board with the chassis.

31. (currently amended) The method of claim 30, wherein the one or more mounting pins comprise one or more first mounting pins ~~located~~ directly mounted on a first peripheral portion of the circuit board, wherein the chassis with the one or more holes supports the first peripheral portion of the circuit board, the method further comprising the steps of:

positioning one or more second mounting pins directly mounted on a second peripheral portion of the circuit board to rest in one or more recesses on a ledge of the chassis for support of the second peripheral portion of the circuit board; and

retaining the second peripheral portion of the circuit board on the ledge of the chassis to hold the circuit board in the chassis.